

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2752	"83"/\$.ccls. and punching and @py<"2001"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 13:12
S2	1614	("83"/\$.ccls. and punching and @py<"2001") and hole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 13:13
S3	717	("83"/\$.ccls. and punching and @py<"2001") and rotate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 13:13
S4	494	((("83"/\$.ccls. and punching and @py<"2001") and hole) and ("83"/\$.ccls. and punching and @py<"2001") and rotate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 13:14
S5	69	((("83"/\$.ccls. and punching and @py<"2001") and hole) and ("83"/\$.ccls. and punching and @py<"2001") and rotate)) and fitting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 13:20
S6	1726	("83"/\$.ccls. and punching and @py<"2001") and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 13:20
S7	0	("83"/\$.ccls. and punching and @py<"2001") and die6 and fitting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 13:20
S8	202	((("83"/\$.ccls. and punching and @py<"2001") and die) and fitting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 13:45
S9	617	83/875 and @py<"2001"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 13:45

EAST Search History

S10	10	(83/875 and @py<"2001") and punching	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 14:18
S11	245	83/160 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 14:20
S12	17	(83/160 and @py<"2000") and punching	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 14:39
S13	244	83/162	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 14:39
S14	228	83/162 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 14:40
S15	11	(83/162 and @py<"2000") and punching	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 14:42
S16	7	(83/162 and @py<"2000") and retainer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 14:43
S17	51	(83/162 and @py<"2000") and wall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 14:59
S18	2	"4091700".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 14:53
S19	7	(83/162 and @py<"2000") and die and rotate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:05

EAST Search History

S20	1	83/163 and punching and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:05
S21	9	83/163 and die and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:07
S22	17	83/513 and die and punching and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:10
S23	352	"83"/\$.ccls. and sliding and die and punching and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:33
S24	872	273/139 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:34
S25	29	(273/139 and @py<"2000") and punching	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:35
S26	57	(273/139 and @py<"2000") and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:36
S27	336	83/268 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:41
S28	19	(83/268 and @py<"2000") and die and press	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:38
S29	14	(83/268 and @py<"2000") and die and press and punch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:38

EAST Search History

S30	264	83/391 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:39
S31	10	(83/391 and @py<"2000") and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:40
S32	0	83/427.1 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:41
S33	233	83/467.1 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:41
S34	11	(83/467.1 and @py<"2000") and punching and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:44
S35	99	83/531 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:49
S36	184	83/588 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:53
S37	61	83/640 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 15:58
S38	33	83/821 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 16:00
S39	512	83/684 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 16:01

EAST Search History

S40	9	(83/684 and punch and @py<"2000") and jig	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 16:02
S41	176	(83/684 and punch and @py<"2000") and press	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 16:14
S42	1	"83"/\$.ccls. and fitting adj planes and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/21 16:15
S43	214	83/40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 08:55
S44	23	83/40 and punch	USOCR	OR	ON	2002/10/22 08:56
S45	18	83/95 and punch and @py<"2000"	USOCR	OR	ON	2002/10/22 08:58
S46	17	83/95 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:04
S47	18	83/95 and punch and @py<"2000"	USOCR	OR	ON	2002/10/22 09:06
S48	41	83/405 and punch and @py<"2000"	USOCR	OR	ON	2002/10/22 09:07
S49	97	83/405 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:13
S50	68	83/527 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:18
S51	22	83/527 and punch and @py<"2000"	USOCR	OR	ON	2002/10/22 09:19
S52	99	83/531 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:22

EAST Search History

S53	11	83/533 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:23
S54	6	83/533 and punch and @py<"2000"	USOCR	OR	ON	2002/10/22 09:26
S55	3	83/537 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:27
S56	1	83/538 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:27
S57	11	83/539 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:27
S58	132	83/560 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:32
S59	7	83/609 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:33
S60	19	83/667 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:34
S61	64	83/669 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:35
S62	3	"83"/\$.ccls. and datum adj plane and punching and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:37

EAST Search History

S63	2677	"83"/\$.ccls. and punching and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 09:38
S64	690	("83"/\$.ccls. and punching and @py<"2000") and rotate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 10:56
S65	208	83/34 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 12:04
S66	667	83/552 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 11:23
S67	445	(83/552 and @py<"2000") and punch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 11:47
S68	354	(83/552 and @py<"2000") and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 12:03
S69	3	(83/552 and @py<"2000") and U adj shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 12:04
S70	442	83/821 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 12:57
S71	367	83/686 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 13:24
S72	366	"83"/\$.ccls. and punch\$4 and U-shape\$1 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 16:03

EAST Search History

S73	4288	"83"/\$.ccls. and punch\$4 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 16:13
S74	53	("83"/\$.ccls. and punch\$4 and @py<"2000") and U adj shape	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 16:04
S75	75	81/109 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 16:13
S76	0	81/109 and punch and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 16:13
S77	0	"83"/\$.ccls. and punch\$4 and fitting adj plane and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 16:15
S78	2040	("83"/\$.ccls. and punch\$4 and die\$2 and @py<"2000") and press\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 16:17
S79	144	((("83"/\$.ccls. and punch\$4 and die\$2 and @py<"2000") and press\$3) and datum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 16:17
S80	2681	"83"/\$.ccls. and punch\$4 and die\$2 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/22 16:26
S81	51	"193"/\$.ccls. and fixture and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 08:41
S82	0	"189"/\$.ccls. and fixture and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 08:41

EAST Search History

S83	0	"189"/\$.ccls. and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 08:41
S84	315	"49"/\$.ccls. and fixture and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 08:49
S85	3467	"166"/\$.ccls. and positioning and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 09:08
S86	18	"166"/\$.ccls. and positioning and U adj shape and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 09:10
S87	995	"166"/\$.ccls. and positioning and sliding and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 09:11
S88	12	"353"/\$.ccls. and positioning and U-shape and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 09:31
S89	116	35/20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 09:36
S90	490	83/821	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 09:48
S91	237	"83"/\$.ccls. and slid\$4 adj bar\$2 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:01
S92	345	83/527 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:14

EAST Search History

S93	5	"142\$.ccls.and" fixture and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:14
S94	2082	"142".\$.ccls. and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:14
S95	5	("142"/\$.ccls. and @py<"2000") and fixture	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:15
S96	2082	"142"/\$.ccls. and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:22
S97	488	"83"/\$.ccls. and fixture and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:39
S98	414	83/560 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:52
S99	230	172/316 and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:59
S100	7	"295"/\$.ccls. and fixture and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 10:59
S101	33	"295"/\$.ccls. and slot and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 14:58
S102	1824	"83"/\$.ccls. and align and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 15:12

EAST Search History

S10 3	268	("83"/\$.ccls. and align and @py<"2000") and punching	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 14:59
S10 4	412	("83"/\$.ccls. and align and @py<"2000") and punch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 14:59
S10 5	849	((("83"/\$.ccls. and align\$4 and punch\$4 and @py<"2000") and die) and press	USOCR	OR	ON	2002/10/23 15:15
S10 6	132	((("83"/\$.ccls. and align\$4 and punch\$4 and @py<"2000") and die) and press) and fitting	USOCR	OR	ON	2002/10/23 15:15
S10 7	601	"83"/\$.ccls. and setting and punch\$4 and @py<"2000"	USOCR	OR	ON	2002/10/23 15:29
S10 8	353	("83"/\$.ccls. and setting and punch\$4 and @py<"2000") and press	USOCR	OR	ON	2002/10/23 15:22
S10 9	219	"83"/\$.ccls. and setting and punch and die and press and @py<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/23 15:41
S11 0	262	"83"/\$.ccls. and setting and punch and die and press and @py<"2000"	USOCR	OR	ON	2002/10/23 15:51
S11 1	1599	"83"/\$.ccls. and punch and die and press and @py<"2000"	USOCR	OR	ON	2002/10/23 15:51
S11 2	6	"4610185"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/20 17:01
S11 3	11	"5350347"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/20 17:02
S11 4	6	"3880038"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/20 17:03

EAST Search History

S11 5	5	"3568555"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/20 17:12
S11 6	14	"4085639"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/20 17:13
S11 7	20	"4555968"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/20 17:15
S11 8	6	"1801490"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/20 17:16
S11 9	11	"4552050"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/20 17:16
S12 0	3	83/559	US-PGPUB	OR	ON	2003/10/21 09:22
S12 1	315	83/559	US-PGPUB; USPAT	OR	ON	2003/10/21 09:44
S12 2	591	83/685	US-PGPUB; USPAT	OR	ON	2003/10/21 10:28
S12 3	2	"1801490".URPN.	USPAT	OR	ON	2003/10/21 10:26
S12 4	53	"83"/\$.ccls. and die and punch and jig and (position\$4 or center\$4)	US-PGPUB; USPAT	OR	ON	2003/10/21 11:15
S12 5	78	"83"/\$.ccls. and die and punch and jig and (position\$4 or center\$4)	USOCR	OR	ON	2003/10/21 11:28
S12 6	79	"72"/\$.ccls. and die and punch and jig and (position\$4 or center\$4)	US-PGPUB; USPAT	OR	ON	2003/10/21 11:41
S12 7	41	"72"/\$.ccls. and die and punch and jig and (position\$4 or center\$4)	USOCR	OR	ON	2003/10/21 11:41
S12 8	8	"3048069".URPN.	USPAT	OR	ON	2003/10/21 13:11
S12 9	7	("1801490" "2504642" "3281343" "3296905" "3327575" "3495495" "3554060").PN.	USPAT	OR	ON	2003/10/21 13:13

EAST Search History

S13 0	5	"3908500".URPN.	USPAT	OR	ON	2003/10/21 13:14
S13 1	11	("2997907" "3417643" "4064917" "4361173" "4371012" "4488581" "4559978" "4625772" "4633920" "4691747" "4787426").PN.	USPAT	OR	ON	2003/10/21 13:15
S13 2	11	"2997907".URPN.	USPAT	OR	ON	2003/10/21 13:17
S13 3	1	"2275706".URPN.	USPAT	OR	ON	2003/10/21 13:19
S13 4	11	("1882689" "2275706" "2287286" "2471067" "2818655" "2893551" "3079191" "3331266" "3479743" "3664756" "4234275").PN.	USPAT	OR	ON	2003/10/21 13:19
S13 5	7	"4462726".URPN.	USPAT	OR	ON	2003/10/21 13:21
S13 6	8	("2781016" "2984176" "3075416" "3269168" "3834217" "3848494" "3881343" "4187713").PN.	USPAT	OR	ON	2003/10/21 13:22
S13 7	11	("3075416" "3702560" "3848494" "3881344" "3908500" "3926032" "3982458" "4160372" "4187713" "4267758" "4274332").PN.	USPAT	OR	ON	2003/10/21 13:24
S13 8	13	"4587830".URPN.	USPAT	OR	ON	2003/10/21 13:25
S13 9	13	"4587830".URPN.	USPAT	OR	ON	2003/10/21 13:27
S14 0	3	("3435655" "3638473" "3762264").PN.	USPAT	OR	ON	2003/10/21 13:27
S14 1	3	"4187713".URPN.	USPAT	OR	ON	2003/10/21 13:28
S14 2	8	("3079817" "3104574" "3111895" "3327575" "3422657" "3435655" "3881343" "3995470").PN.	USPAT	OR	ON	2003/10/21 13:29
S14 3	9	"4160372".URPN.	USPAT	OR	ON	2003/10/21 13:30
S14 4	2	"3435655".URPN.	USPAT	OR	ON	2003/10/21 13:31
S14 5	2	("3111100" "3610021").PN.	USPAT	OR	ON	2003/10/21 13:31

EAST Search History

S14 6	574	"72"/\$.ccls. and punch and die and changing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 18:35
S14 7	20	"72"/\$.ccls. and punch and die and changing and jig	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 13:40
S14 8	19	83/160 and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 14:00
S14 9	19	83/162 and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 14:04
S15 0	372	83/684 and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 14:16
S15 1	8	83/533 and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/21 14:17
S15 2	84	83/405 and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/21 14:21
S15 3	68	83/40 and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/21 14:25
S15 4	45	83/669 and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/21 14:27
S15 5	5	83/404.4 and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/21 14:27
S15 6	291	83/109	US-PGPUB; USPAT	OR	ON	2003/10/21 14:31
S15 7	14	83/109 and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/21 14:36
S15 8	3031	"72"/\$.ccls. and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/21 14:36
S15 9	18	"72"/\$.ccls. and punch and die and jig and setting	US-PGPUB; USPAT	OR	ON	2003/10/21 14:38
S16 0	80	"72"/\$.ccls. and punch and die and jig	US-PGPUB; USPAT	OR	ON	2003/10/21 14:38
S16 1	139	"72"/\$.ccls. and (punch or press) and die and jig	US-PGPUB; USPAT	OR	ON	2003/10/21 14:48

EAST Search History

S16 2	78	"83"/\$.ccls. and (punch or press) and die and jig	US-PGPUB; USPAT	OR	ON	2003/10/21 14:49
S16 3	1333	"83"/\$.ccls. and (punch or press) and die and (positioning or aligning)	US-PGPUB; USPAT	OR	ON	2003/10/21 15:39
S16 4	9	("1995711" "2089795" "2325290" "3126776" "3386781" "3504576" "3540314" "3554060" "3574922").PN.	USPAT	OR	ON	2003/10/21 16:48
S16 5	13	"4555840".URPN.	USPAT	OR	ON	2003/10/21 16:50
S16 6	13	"4555840".URPN.	USPAT	OR	ON	2003/10/21 17:14
S16 7	3	("2213919" "2216208" "2242363").PN.	USPAT	OR	ON	2003/10/21 17:14
S16 8	0	"5730039".URPN.	USPAT	OR	ON	2003/10/21 17:14
S16 9	0	"5730039".URPN.	USPAT	OR	ON	2003/10/21 17:14
S17 0	1	"3234838".PN.	USPAT	OR	ON	2003/10/21 17:16
S17 1	14	"3971275".URPN.	USPAT	OR	ON	2003/10/21 17:16
S17 2	14	"3971275".URPN.	USPAT	OR	ON	2003/10/21 17:17
S17 3	5	("1982488" "3178984" "3228262" "3550245" "3588989").PN.	USPAT	OR	ON	2003/10/21 17:17
S17 4	5	"3916596".URPN.	USPAT	OR	ON	2003/10/21 17:18
S17 5	17	"3126776".URPN.	USPAT	OR	ON	2003/10/21 17:18
S17 6	6	("2750660" "2859511" "3098576" "3108368" "3126776" "4153989").PN.	USPAT	OR	ON	2003/10/21 17:22
S17 7	5	"4505416".URPN.	USPAT	OR	ON	2003/10/21 17:22
S17 8	17	"3126776".URPN.	USPAT	OR	ON	2003/10/21 17:23
S17 9	9	"2371565"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 17:59
S18 0	3	83/559	US-PGPUB	OR	ON	2003/10/21 18:00

EAST Search History

S18 1	6	("3009747" "3178984" "3192820" "3332308" "3709088" "4017267").PN.	USPAT	OR	ON	2003/10/21 18:06
S18 2	9	"4552050".URPN.	USPAT	OR	ON	2003/10/21 18:07
S18 3	5	("2009660" "3104574" "3327575" "3495495" "3673902").PN.	USPAT	OR	ON	2003/10/21 18:08
S18 4	3	"3880038".URPN.	USPAT	OR	ON	2003/10/21 18:10
S18 5	5	("2009660" "3104574" "3327575" "3495495" "3673902").PN.	USPAT	OR	ON	2003/10/21 18:12
S18 6	3	"3880038".URPN.	USPAT	OR	ON	2003/10/21 18:12
S18 7	5	"3332308".URPN.	USPAT	OR	ON	2003/10/21 18:18
S18 8	5	"3495495".URPN.	USPAT	OR	ON	2003/10/21 18:19
S18 9	95	"72"/\$.ccls. and punch and die and jig	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 18:40
S19 0	53	"83"/\$.ccls. and punch and die and jig	US-PGPUB; USPAT	OR	ON	2003/10/21 18:42
S19 1	80	"83"/\$.ccls. and punch and die and jig	USOCR	OR	ON	2003/10/21 18:42
S19 2	1095	"83"/\$.ccls. and punch and die and (fitting or positioning or centering) and U	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:38
S19 3	1085	"83"/\$.ccls. and punch and die and (fitting or positioning or centering) and U	USOCR	OR	ON	2003/10/22 11:29
S19 4	1350	"72"/\$.ccls. and punch and die and (fitting or positioning or centering) and U	US-PGPUB; USPAT	OR	ON	2003/10/22 11:31
S19 5	385	"100"/\$.ccls. and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 17:36
S19 6	0	100/236 and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 17:36

EAST Search History

S19 7	6	100/237 and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 17:37
S19 8	0	100/247 and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 17:37
S19 9	13	100/258a and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 18:12
S20 0	59	100/257 and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 18:13
S20 1	81	100/214 and punch and die	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/23 15:47
S20 2	2	100/219 and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/23 15:47
S20 3	58	100/257 and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/23 15:52
S20 4	10	100/258r and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/23 15:53
S20 5	13	100/258a and punch and die	US-PGPUB; USPAT	OR	ON	2003/10/23 15:54
S20 6	259	83/160	US-PGPUB; USPAT	OR	ON	2004/07/14 17:44
S20 7	17	83/160 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 17:45
S20 8	18	83/160 and (die and punch)	USOCR	OR	ON	2004/07/14 17:48
S20 9	20	83/162 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 17:56
S21 0	223	83/684 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:03
S21 1	8	83/533 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:03
S21 2	86	83/405 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:06

EAST Search History

S21 3	72	83/40 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:08
S21 4	49	83/669 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:09
S21 5	110	83/559 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:24
S21 6	96	83/571 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:26
S21 7	0	83/6851 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:26
S21 8	293	83/685 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:32
S21 9	52	100/214 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:33
S22 0	2	100/219 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:34
S22 1	60	100/257 and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:35
S22 2	10	100/258r and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:36
S22 3	13	100/258a and (die and punch)	US-PGPUB; USPAT	OR	ON	2004/07/14 18:36
S22 4	13	83/162 and (die and punch)	USOCR	OR	ON	2004/07/14 18:37
S22 5	14	83/684 and (die and punch)	USOCR	OR	ON	2004/07/14 18:38
S22 6	3	83/533 and (die and punch)	USOCR	OR	ON	2004/07/14 18:38
S22 7	32	83/405 and (die and punch)	USOCR	OR	ON	2004/07/14 18:39
S22 8	22	83/40 and (die and punch)	USOCR	OR	ON	2004/07/14 18:40
S22 9	5	83/669 and (die and punch)	USOCR	OR	ON	2004/07/14 18:40
S23 0	24	83/559 and (die and punch)	USOCR	OR	ON	2004/07/14 18:41
S23 1	30	83/571 and (die and punch)	USOCR	OR	ON	2004/07/14 18:42
S23 2	128	83/685 and (die and punch)	USOCR	OR	ON	2004/07/14 18:46
S23 3	30	100/214 and (die and punch)	USOCR	OR	ON	2004/07/14 18:46
S23 4	538	100/214	USOCR	OR	ON	2004/07/14 18:47

EAST Search History

S23 5	369	100/219	USOCR	OR	ON	2004/07/14 18:52
S23 6	494	100/257	USOCR	OR	ON	2004/07/14 19:05
S23 7	109	100/258r	USOCR	OR	ON	2004/07/14 19:08
S23 8	100	100/258a	USOCR	OR	ON	2004/07/14 19:08
S24 7	3	"1801490"	US-PGPUB; USPAT	OR	ON	2005/01/04 11:34
S24 8	187	83/160.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:32
S24 9	156	83/162.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:41
S25 0	225	83/684.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:47
S25 1	40	83/533.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:48
S25 2	127	83/405.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:50
S25 3	88	83/40.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:50
S25 4	81	83/669.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:52
S25 5	193	83/559.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:53
S25 6	233	83/571.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:54
S25 7	0	83/6853.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:54
S25 8	384	83/685.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:56
S25 9	756	100/214.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 13:58
S26 0	448	100/219.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 14:00
S26 1	723	100/257.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 14:06
S26 2	160	100/258r.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 14:08
S26 3	202	100/258a.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/04 14:11
S26 4	936	die same punch same (jig or clamp)	US-PGPUB; USPAT	OR	ON	2005/01/04 14:14

EAST Search History

S26 5	141	die same punch same jig	US-PGPUB; USPAT	OR	ON	2005/01/04 14:14
S26 6	17	("1995711" "2089795" "2325290" "3126776" "3386781" "3504576" "3540314" "3554060" "3574922").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 18:33
S26 7	14	("4555840").URPN.	USPAT	OR	ON	2005/06/07 18:34
S26 8	4	("3435655" "3638473" "3762264").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 09:14
S26 9	4	("4187713").URPN.	USPAT	OR	ON	2005/06/08 09:30
S27 0	11943	die same press same (fit\$6 or position\$5 or align\$5)	US-PGPUB; USPAT	OR	ON	2005/06/08 09:31
S27 1	75804	die same (fit\$6 or position\$5 or align\$5)	US-PGPUB; USPAT	OR	ON	2005/06/08 09:31
S27 2	7268	"29"/\$.ccls. and die same (fit\$6 or position\$5 or align\$5)	US-PGPUB; USPAT	OR	ON	2005/06/08 09:32
S27 3	4653	"29"/\$.ccls. and die near6 (fit\$6 or position\$5 or align\$5)	US-PGPUB; USPAT	OR	ON	2005/06/08 09:32
S27 4	134	"29"/\$.ccls. and die same (fit\$6 or position\$5 or align\$5) same jig\$5	US-PGPUB; USPAT	OR	ON	2005/06/08 09:32
S27 5	715	die same (fit\$6 or position\$5 or align\$5) same jig\$5	US-PGPUB; USPAT	OR	ON	2005/06/08 11:17
S27 6	2	("1801490").URPN.	USPAT	OR	ON	2005/06/08 11:16
S27 7	69	die near10 (fit or fitting or position or positioning or align or aligning) near10 jig	USOCR	OR	ON	2005/06/08 11:58
S27 8	117	83/160.ccls.	USOCR	OR	ON	2005/06/08 11:58
S27 9	188	83/160.ccls.	US-PGPUB; USPAT	OR	ON	2005/06/08 11:58
S28 0	27	83/160.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 11:59
S28 1	11	83/162.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 11:59
S28 2	121	83/684.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:01
S28 3	10	83/533.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:01
S28 4	43	83/405.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:02

EAST Search History

S28 5	27	83/40.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:03
S28 6	40	83/669.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:04
S28 7	50	83/559.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:05
S28 8	66	83/571.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:05
S28 9	105	100/214.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:06
S29 0	10	100/219.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:07
S29 1	126	100/257.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:08
S29 2	21	100/258r.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:08
S29 3	32	100/258a.ccls. and die	US-PGPUB; USPAT	OR	ON	2005/06/08 12:08
S29 4	148	die same punch same jig	US-PGPUB; USPAT	OR	ON	2005/09/15 17:35
S29 5	606	die same punch same jig	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/15 17:36
S29 6	189	83/160.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:48
S29 7	160	83/162.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:51
S29 8	251	83/684.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:54
S29 9	40	83/533.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:54
S30 0	128	83/405.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:55
S30 1	88	83/40.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:55
S30 2	92	83/669.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:56
S30 3	195	83/559.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:57
S30 4	235	83/571.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:58
S30 5	388	83/685.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 16:59

EAST Search History

S30 6	766	100/214.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 17:01
S30 7	450	100/219.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 17:02
S30 8	727	100/257.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 17:02
S30 9	162	100/258r.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 17:03
S31 0	202	100/258a.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/20 17:03
S31 1	4	("3435655" "3638473" "3762264").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 17:27
S31 2	5	("4187713").URPN.	USPAT	OR	ON	2006/05/27 17:27
S31 3	10	("1982488" "3178984" "3228262" "3550245" "3588989").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 17:53
S31 4	3475	punch same die same align\$	US-PGPUB; USPAT	OR	ON	2006/05/27 17:54
S31 5	1717	punch near8 die near8 align\$	US-PGPUB; USPAT	OR	ON	2006/05/27 17:54
S31 6	424	punch same die same align\$ same block	US-PGPUB; USPAT	OR	ON	2006/05/27 18:30
S31 7	7	("2924701" "3120601" "3600981" "3727489" "3777595").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 18:16
S31 8	4	("3910138").URPN.	USPAT	OR	ON	2006/05/27 18:18
S31 9	12	punch same die same align\$ same block	EPO; JPO	OR	ON	2006/05/27 18:36
S32 0	37	punch same die same align\$ same jig	US-PGPUB; USPAT	OR	ON	2006/05/27 18:42
S32 1	256	die same punch same post same guide	US-PGPUB; USPAT	OR	ON	2006/05/30 10:13
S32 2	12	("2781016" "2984176" "3075416" "3269168" "3834217" "3848494" "3881343" "4187713").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 10:33
S32 3	13	("4698894").URPN.	USPAT	OR	ON	2006/05/30 10:34
S32 4	3	("3091147").URPN.	USPAT	OR	ON	2006/05/30 10:38
S32 5	4	("2381062").URPN.	USPAT	OR	ON	2006/05/30 10:54